Islands in the Stream Expedition

2001 Field Season

Dive Summary

Isla Cozumel

5/23/2001

Mexico, Islands in the Stream

Overview of Dive a22-120 at Isla Cozumel

Laddie Akins piloted this dive at the site known as Isla Cozumel on 5/23/2001 starting at 20:13:00. Total dive time was 4:59:00 and the maximum depth reached was 515 feet. (All times GMT)

Dive Objectives. Objectives accomplished during the dive include:

Fish Assessment	Primary
Exploration/Recon	Secondary
Filming	Secondary

Data Collected. Types of data collected during the dive include:

Digital Video Tapes	1
Digital Video Tapes	1
Digital Video Tapes	1
Digital Video Tapes	1
Digital Video Tapes	1
Tracking	

Living Marine Resources Abundance

few 2-10; many 11 - 100; abundant >100

Pelagic Fish	Many
Bottom Fish	Abundant
Crustacean	Single
Mollusk	
Echinoderm	

Other Benthic

Observations and Comments on Living Marine Resources:

Most fish at shallow depths near top of wall.

General Comments

Very unique wall habitat. Extreme vertical relief from 175' -300/350'. Not many fish at depth. Current along wall was not a problem. Communications were poor.

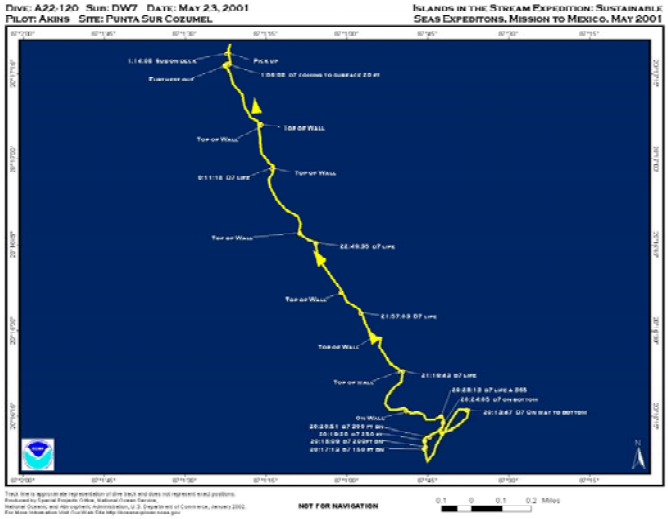
Prepared by :

National Oceanic and Atmospheric Administration

10/23/2001

Dive Track Description

Dive started in open water adjacent to wall. Worked toward wall (east). Sighted wall at 300' followed to 500' where wall vertical relief lessend to ~40deg. Large boulders at this depth. Travelled north along base. Ascended to top of wall every 30 minutes for life supports. Between life supports, traversed wall in northerly direction at 175', 225', 300', 400' depths. Most vertical relief between 175'-300'. Relief of features observed during the dive ranged from to 5 meters.



Observed Human Activities

Recreational Fishing
Commercial Fishing
Pleasure Boating
Diving or Snorkeling

Observed Human Impacts

None Observed.

Overall Dive Site Ratings

1 = low; 10 = high

Uniqueness	8
Health	8
Disturbance	1
Biodiversity	5

Observed Fish Abundance

few 2-10; many 11 - 100; abundant >100

Other Snappers	Few
Other Jacks	Few
Sunshine Fish	Abunda
Saddle Bass	Single
Tattler-like Seabass	Single